



State of Ohio Environmental Protection Agency

**Southwest District Office**

40 South Main Street  
Dayton, Ohio 45402-2086  
(513) 285-6357  
FAX (513) 285-6404

FILE COPY

George V. Voinovich  
Governor

August 19, 1992

RE: Systech Liquid Treatment Corp.  
OHD030935852  
Franklin, Ohio

Mr. Pat McGowan  
PRC Environmental Management, Inc.  
233 North Michigan Avenue, Suite 1621  
Chicago, Illinois 60601

US EPA RECORDS CENTER REGION 5



Dear Mr. McGowan:

This letter is in response to your telephone inquiry of Tuesday, August 18, 1992 regarding the Systech Liquid Treatment Corporation site in Franklin, Ohio. This information was obtained from Ohio Environmental Protection Agency, Southwest District files, except where noted otherwise.

1. According to our files, Systech was the culprit in the 1978 air release. There is no mention of another source. Systech apparently had a "spill" at the time and the stench was blamed predominantly on acrylates (methyl methacrylate was specifically mentioned). Our wastewater files indicate that two 12,000 gallon tanks of the waste (paints and solvents) were released into diked areas.
2. Five of the seven monitoring wells installed by Terran Corporation range in depth from 23 feet to 53 feet (wells 181, 182, 184, 186 and 187). We have no data on the other two wells (183 and 185). Well logs for these wells will be included in Terran's report, which is expected in late October. Franklin's production wells range from 70 to 112 feet. Based on the Ohio Department of Natural Resources' Ground-water Resources of Warren County map, the site appears to be located within an area of sand and gravel deposits on the edge of the Great Miami River Buried Valley Aquifer System. The aquifers in this area are predominantly interconnected, possibly separated by discontinuous clay lenses. However, soil borings are necessary in order to make a definitive statement to this effect. If it is determined that the Systech site is within this geologic area, Terran's monitoring wells and Franklin's water supply wells would be considered to be in the same aquifer system.
3. Systech conducted remediation efforts at the site in 1978-79, pumping 21 million gallons of water. After receiving agreement from the Ohio EPA that further pumping would be of little benefit, the Miami Conservancy District (MCD) allowed



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Systech to cease pumping but continue to monitor ground water conditions. A July 25, 1986, memo from Cathi Watkins to Scott Shane, both Ohio EPA, states that "(t)he lab analysis that was used to declare the site clean would not now be acceptable... (It) measured organic contaminants at the ppm level and not ppb. The detection limit for the parameters of concern is not given. It is clear now that remediation was ended before contamination was eliminated."

In 1986 the city of Franklin hired Soil and Material Engineers, Inc. to conduct an investigation of the Systech site. This investigation consisted mainly of sampling existing wells and taking soil samples from borings. The current investigation is being conducted by Terran Corporation at the request of Systech and MCD.

4. The attached map indicates where the five Terran wells we have information on are located. Ground water flow is generally accepted to be to the northwest.

I hope this information is sufficient to answer your questions. If you need any further assistance, please call.

Sincerely,

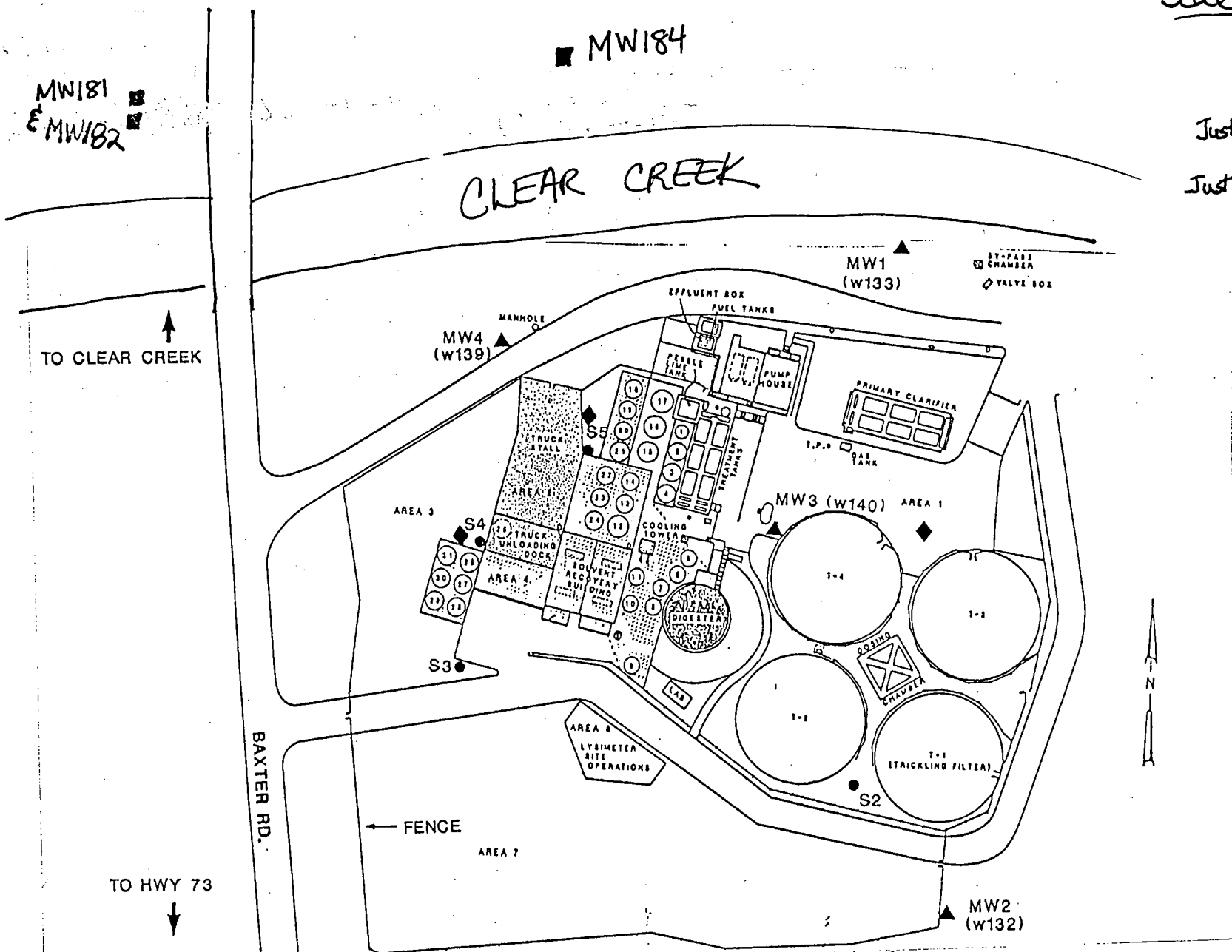


Amy Gibbons  
Division of Emergency and Remedial Response

cc: Laura Fay, DERR/CO

(Not to Scale)

Just North of MW 187  
Clear Creek,  
Just East of  
Rt. 73



■ - Terrain monitoring wells

● - SOIL SAMPLE LOCATION

▲ - MONITORING WELL LOCATION

Rt 73